

THE CLAIMS

I claim:

- 1. In a multi-level accommodation unit, the improvement comprising**
a core wall having plumbing, electrical and heating and cooling components
inside said wall and projecting to at least one face of said core wall;
means securing said core wall in an accommodation unit, with said core
wall extending between a floor of said accommodation unit and a
ceiling of said accommodation unit and between support walls of said
accommodation unit;
a vertical chase formed in said core wall and extending from a bottom of
said core wall at said floor to a top of said core wall at said ceiling;
connector members for plumbing, electrical and heating and cooling of said
accommodation unit extending vertically through said chase; and
connection members extending through said core wall between opposite
faces thereof to connect said connector members to said plumbing,
electrical and heating and cooling components.
- 2. The improvement of Claim 1, wherein**
at least a pair of the core walls are positioned on floors of vertically adjacent
accommodation units and the chases in said core walls are vertically
aligned, and further including a hole through the floor of the upper
vertically adjacent accommodation unit and the ceiling of the lower
vertically adjacent accommodation unit said hole being aligned

with chases in said core walls; and wherein
the connector members in the vertically aligned chases are interconnected
to provide continuous connector members through said chases and
said floor.

3. The improvement of Claim 1, wherein

the core wall has first and second spaced apart wall surfaces; and
structural foam material between said faces and around said vertical
extending chase for strength and sound insulation.

4. The improvement of Claim 2, wherein

the floor of each accommodation unit is an upper surface of a slab and
the ceiling of each accommodation unit is a lower surface of a slab.

5. The improvement of Claim 1, wherein the plumbing, electrical, heating and
cooling components include

toilet and shower or bathtub components connected to couplings at said
at least one face of the core wall, said toilet and said shower being
supported on the floor of the accommodation unit and being coupled
to a water inlet line connector and discharge conduit connector
extending through the core wall to connector members extending
vertically through the chase in the said core wall.

- 6. The improvement of Claim 5, further including**
at least one electrical outlet mounted at the said at least one face of the
core wall, each said electrical outlet comprising an electrical
component attached to a connection member extending within the core
wall to a connector member extending vertically through the chase
of a said wall core.
- 7. The improvement of Claim 6, wherein**
the core wall has a drain conduit connection member therein extending
from a discharge conduit connector member in the chase, said drain
conduit connection member being sloped upwardly from the discharge
conduit connector member to adjust the end of a core wall opposite
said chase.
- 8. The improvement of Claim 7, further includes**
affixed couplings connected into the drain conduit connection member
and extending to at least one face of the core wall.
- 9. The improvement of Claim 1, further including**
a removable access panel through at least one face of the core wall to
provide access to the interior of the chase.

10. A core wall for use in a multi-level accommodation unit, said core wall comprising a pair of spaced apart wall surfaces and having a pair of spaced apart side edges, interconnected by a top edge and a bottom edge;

a vertical chase formed between a portion of said spaced apart faces

and vertical chase being open through said core wall from said

bottom edge to said top edge;

connection members extending between said wall panels and from

within said chase to couplings at at least one wall panel for coupling

to plumbing, electrical and heating and cooling components outside

said wall panel and for coupling to corresponding plumbing, electrical

and heating and cooling components in said chase; and

structural foam material in said cone wall between said face panels

and surrounding said chase.

11. A core wall as in Claim 10, further including

an access panel through at least one face panel and providing access

to the chase.

12. A core wall as in Claim 11, having vertical studs therein.

13. A core wall as in Claim 12, wherein said studs have openings therethrough for the connection components.

- 14. A core wall as in Claim 13, wherein**
one of the connection components includes a drain pipe extending into
the chase adjacent the bottom edge and sloped upwardly therefrom
to adjacent a side edge of the said wall.
- 15. A core wall as in Claim 14, wherein**
the connection members extend to couplings at each face panel of said
wall.